

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of claims:

1. (Currently Amended) A rubber composition comprising 100 parts by weight of a rubber component containing a modified conjugated diene-based polymer having a fullerene bonded thereto in an amount of 0.001 to 2 molecules per one molecular chain of the modified conjugated diene-based polymer and a weight average molecular weight of 50,000 or more and present in an amount of 0.5 to 100% by weight based upon the total amount of the rubber component and 5 to 100 parts by weight of a reinforcing filler wherein said reinforcing filler is at least one member selected from the group consisting of carbon black and silica, wherein the modified conjugated diene-based polymer is synthesized by reacting (i) growing terminal anions formed by anionic polymerization of the a conjugated diene-based monomer ~~polymer~~, or an aromatic vinyl monomer and the a conjugated diene monomer, and (ii) a fullerene.

2. (Previously presented) A rubber composition as claimed in claim 1, wherein the amount of the fullerene bonded to the modified conjugated diene-based polymer is 0.01 to 2 molecules per one molecular chain of the modified conjugated diene-based polymer.

3. (Previously presented) A rubber composition as claimed in claim 1, further comprising 0.1 to 10 parts by weight of a vulcanizing agent, based upon 100 parts by weight of the rubber component.

4. (Canceled)

5. (Canceled)
6. (Previously presented) A rubber composition as claimed in claim 1, wherein the aromatic vinyl monomer unit forms 10 to 80% by weight of the modified conjugated diene-based polymer.
7. (Currently Amended) A rubber composition as claimed in claim 2, wherein the modified conjugated diene-based polymer is synthesized by reacting growing terminal anions formed by anionic polymerization of ~~the~~ a conjugated diene- based monomer and a fullerene.
8. (Currently Amended) A rubber composition as claimed in claim 3, wherein the modified conjugated diene-based polymer is synthesized by reacting growing terminal anions formed by anionic polymerization of ~~the~~ a conjugated diene- based monomer and a fullerene.
9. (Previously presented) A rubber composition as claimed in claim 2, wherein the modified conjugated diene-based polymer is synthesized by reacting growing terminal anions formed by anionic polymerization of an aromatic vinyl monomer and a conjugated diene monomer with a fullerene.
10. (Previously presented) A rubber composition as claimed in claim 9, wherein the aromatic vinyl monomer unit forms 10 to 80% by weight of the modified conjugated diene- based polymer.
11. (Previously presented) A rubber composition as claimed in claim 3, wherein the modified conjugated diene-based polymer is synthesized by reacting growing terminal anions formed by anionic polymerization of an aromatic vinyl monomer and a conjugated diene monomer with a fullerene.
12. (Previously presented) A rubber composition as claimed in claim 11, wherein the aromatic vinyl monomer unit forms 10 to 80% by weight of the modified conjugated diene-based polymer.

13. (Previously presented) A rubber composition as claimed in claim 2, further comprising 0.1 to 10 parts by weight of a vulcanizing agent, based upon 100 parts by weight of the rubber component.

14. (Previously presented) A rubber composition as claimed in claim 7, further comprising 0.1 to 10 parts by weight of a vulcanizing agent, based upon 100 parts by weight of the rubber component.